

ABSTRACT OF THE DISCLOSURE

A method for controlling engine operation, the method includes the steps of providing an internal combustion engine having a crankshaft, the crankshaft rotatable through an engine cycle defining a plurality of engine positions. A control unit is provided for communicating with the crankshaft. The plurality of engine positions are extrapolated with the control unit into a reduced resolution of engine positions defining a collection of data groups. Each of the collection of data groups are assigned to one of a plurality of functions defined by data bits arranged within the control unit. The corresponding function defined by the data bits is performed according to the related collection of data groups read by the control unit.